

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An injection device for injecting a medicament into a body, the injection device comprising:
 - a housing;
 - a medicament reservoir;
 - a drive system for expelling a dosage of the medicament from the reservoir;
 - at least one capacitor providing the sole electric power for powering the drive system for performing at least one injection;
 - wherein the medicament reservoir, the drive system, and the at least one capacitor are contained within the injection device housing; [[and]]
 - at least one inductive charging element coupled to the at least one capacitor within the injection device and at least partially arranged at an exterior face of the housing, the at least one inductive charging element configured for being operably and removably coupled to an external charging device via the portion of the inductive charging element arranged at the exterior face of the housing, the external charging device comprising a structure that is complementary with said inductive charging element at the exterior face; and
 - a processor for determining the number of injections which can be performed;
 - wherein the at least one capacitor receives a charge from the external charging device when the external charging device is operably coupled to the portion of the at least one inductive charging element arranged at the exterior face of the injection device housing; and
 - wherein the drive system remains operable for expelling a dosage after the external charging device has been removed from the at least one inductive charging element by discharging the charge from the at least one capacitor.
2. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is a gold capacitor.
3. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is a duplex capacitor.

4. (Original) The injection device as set forth in claim 1, further comprising a charge indicator operably coupled to the capacitor.
5. (Original) The injection device as set forth in claim 4, wherein the charge indicator is a voltmeter.
6. (Canceled)
7. (Original) The injection device as set forth in claim 1, further comprising a threshold value detector operably coupled to the at least one capacitor to detect a predetermined minimum voltage which is the amount of energy at least one injection consumes.
8. (Previously Presented) The injection device as set forth in claim 1, further comprising a DC/DC converter operably coupled to the at least one capacitor, said DC/DC converter configured to receive a DC voltage from the capacitor and deliver a constant DC voltage to the drive system.
9. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is adapted be charged inductively.
10. (Original) The injection device as set forth in claim 1, further comprising at least one of a memory and a signal output device, said at least one of the memory and the signal output device supplied with current from the at least one capacitor.
11. (Currently Amended) The injection device as set forth in claim 1, wherein the inductive charging elements form a portion of an [[an]] electronic system.
12. (Canceled)
13. (Previously Presented) The injection device as set forth in claim 11, wherein the electronic system includes sensing elements.
14. (Previously Presented) The injection device as set forth in claim 13, wherein the electronic system further includes control/processing elements and display elements, the

electronic system senses an amount of energy remaining in the capacitor, determines the number of injections which can be performed, and displays such number.

15. (Canceled)

16. (Previously Presented) The injection device as set forth in claim 1, wherein the capacitor is rechargeable.

17. (Canceled)

18. (Canceled)

19. (New) An injection device for injecting a medicament into a body, the injection device comprising:

a housing;

a medicament reservoir;

a drive system for expelling a dosage of the medicament from the reservoir;

two capacitors connected in parallel for providing the sole electric power for powering the drive system for performing at least one injection;

wherein the medicament reservoir, the drive system, and the two capacitors are contained within the injection device housing; and

at least one inductive charging element coupled to the two capacitors within the injection device and at least partially arranged at an exterior face of the housing, the at least one inductive charging element configured for being operably and removably coupled to an external charging device via the portion of the inductive charging element arranged at the exterior face of the housing, the external charging device comprising a structure that is complementary with said inductive charging element at the exterior face;

wherein the two capacitors receives a charge from the external charging device when the external charging device is operably coupled to the portion of the at least one inductive charging element arranged at the exterior face of the injection device housing; and

wherein the drive system remains operable for expelling a dosage after the external charging device has been removed from the at least one inductive charging element by discharging the charge from the two capacitors.

20. (New) The injection device as set forth in claim 19, wherein at least one of the two capacitors is a gold capacitor.

21. (New) The injection device as set forth in claim 19, wherein at least one of the two capacitors is a duplex capacitor.

22. (New) The injection device as set forth in claim 19, further comprising a charge indicator operably coupled to at least one of the two capacitors.

23. (New) The injection device as set forth in claim 22, wherein the charge indicator is a voltmeter.

24. (New) The injection device as set forth in claim 19, further comprising a threshold value detector operably coupled to at least one of the two capacitors to detect a predetermined minimum voltage which is the amount of energy at least one injection consumes.

25. (New) The injection device as set forth in claim 19, further comprising a DC/DC converter operably coupled to at least one of the two capacitors, said DC/DC converter configured to receive a DC voltage from at least one of the two capacitors and deliver a constant DC voltage to the drive system.

26. (New) The injection device as set forth in claim 19, wherein the at least one of the two capacitors is adapted be charged inductively.

27. (New) The injection device as set forth in claim 19, further comprising at least one of a memory and a signal output device, said at least one of the memory and the signal output device supplied with current from at least one of the two capacitors.

28. (New) The injection device as set forth in claim 19, wherein the inductive charging elements form a portion of an electronic system.

29. (New) The injection device as set forth in claim 28, wherein the electronic system includes sensing elements.

30. (New) The injection device as set forth in claim 29, wherein the electronic system further includes control/processing elements and display elements, the electronic system senses an amount of energy remaining in at least one of the two capacitors, determines the number of injections which can be performed, and displays such number.

31. (New) The injection device as set forth in claim 19, wherein the at least one of the two capacitors is rechargeable.

32. (New) An injection device for injecting a medicament into a body, the injection device comprising:

- a housing;

- a medicament reservoir;

- a drive system for expelling a dosage of the medicament from the reservoir;

- two capacitors connected in parallel for providing the sole electric power for powering the drive system for performing at least one injection;

- wherein the medicament reservoir, the drive system, and the two capacitors are contained within the injection device housing;

- at least one inductive charging element coupled to the two capacitors within the injection device and at least partially arranged at an exterior face of the housing, the at least one inductive charging element configured for being operably and removably coupled to an external charging device via the portion of the inductive charging element arranged at the exterior face of the housing, the external charging device comprising a structure that is complementary with said inductive charging element at the exterior face; and

- a processor for determining the number of injections which can be performed;

- wherein the two capacitors receives a charge from the external charging device when the external charging device is operably coupled to the portion of the at least one inductive charging element arranged at the exterior face of the injection device housing; and

wherein the drive system remains operable for expelling a dosage after the external charging device has been removed from the at least one inductive charging element by discharging the charge from the two capacitors.

33. (New) The injection device as set forth in claim 32, wherein at least one of the two capacitors is a gold capacitor.

34. (New) The injection device as set forth in claim 32, wherein at least one of the two capacitors is a duplex capacitor.

35. (New) The injection device as set forth in claim 32, further comprising a charge indicator operably coupled to at least one of the two capacitors.

36. (New) The injection device as set forth in claim 35, wherein the charge indicator is a voltmeter.

37. (New) The injection device as set forth in claim 32, further comprising a threshold value detector operably coupled to at least one of the two capacitors to detect a predetermined minimum voltage which is the amount of energy at least one injection consumes.

38. (New) The injection device as set forth in claim 32, further comprising a DC/DC converter operably coupled to at least one of the two capacitors, said DC/DC converter configured to receive a DC voltage from at least one of the two capacitors and deliver a constant DC voltage to the drive system.

39. (New) The injection device as set forth in claim 32, wherein at least one of the two capacitors is adapted be charged inductively.

40. (New) The injection device as set forth in claim 32, further comprising at least one of a memory and a signal output device, said at least one of the memory and the signal output device supplied with current from at least one of the two capacitors.

41. (New) The injection device as set forth in claim 32, wherein the inductive charging elements form a portion of an electronic system.

42. (New) The injection device as set forth in claim 41, wherein the electronic system includes sensing elements.

43. (New) The injection device as set forth in claim 42, wherein the electronic system further includes control/processing elements and display elements, the electronic system senses an amount of energy remaining in at least one of the two capacitors, determines the number of injections which can be performed, and displays such number.

44. (New) The injection device as set forth in claim 32, wherein at least one of the two capacitors is rechargeable.